Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 07 Oct 2023 until 23:59 on Sunday 08 Oct 2023

Forecast Issued on Saturday 07 Oct 2023 at 03:48

Confidence: High for mainly cloudy with some rain through the period, but lowering for detail of timing of the brief spells of better weather that develop.

Headline for Saturday 07 Oct 2023: Cloudy and rather windy, with some patchy rain early and late.

Mountain weather hazards on Saturday 07 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Cloudy	Cloudy	Cloudy	Cloudy	Drizzle
Precipitation probability					
30%	20%	20%	20%	20%	40%

Forecast for Saturday 07 Oct 2023

Weather: A cloudy day with occasional patchy rain or drizzle early and late. Warm, but tempered by the wind.

Chance of cloud-free hill tops above 600m: Near nil.

Low Cloud and visibility: Good becoming moderate or poor in rain or drizzle, very poor within cloud with bases quite extensive from 500m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 07 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/32 SW	25/32 SW	23/31 SW	22/30 W	17/22 SW	9/13 W	11/14 E
300	17/35 SW	17/33 SW	18/33 SW	18/35 W	5/14 SW	2/9 W	5/13 E
Valley	11/24 SW	11/24 SW	10/22 SW	11/24 W	4/13 SW	2/7 SW	4/9 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	12/8	12/8	12/9	12/9	12/10	10/8
300	13/10	13/10	14/11	14/12	14/13	13/13	12/11
Valley	14/12	14/13	15/14	16/14	15/15	14/14	14/14
Freezing Level*	3400m	3400m	3300m	3200m	3300m	3300m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Antecedent rainfall will likely make for heavy underfoot conditions with swollen rivers and streams.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 07 Oct 2023	35.8mm	62.6mm	65mm

Forecast for Sunday 08 Oct 2023

Weather: Still mainly cloudy with further patchy light rain, though a little drier than Saturday with increase chance of brighter spells developing for the afternoon.

Maximum wind: Southeast around 15 mph.

Chance of cloud-free hill tops above 600m: 25% becoming 75% later

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive from 500m at first, before lifting and potentially breaking later in the day

Temperature: **Valleys:** Plus 10 Celsius increasing 19 Celsius for the afternoon
At 600m: Plus 9 Celsius increasing 13 Celsius for the afternoon
Freezing level: Above all summits

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